

## CUMBERLAND RIVER BASIN

0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2004 to September 2005.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 2004 to September 2005.

WATER TEMPERATURE: August 2004 to September 2005.

TURBIDITY: August 2004 to September 2005.

INSTRUMENTATION.--Water-quality monitor since Aug. 3, 2004 and sediment pumping sampler since Aug. 10, 2004.

REMARKS.--Records for water temperature and specific conductance are good, turbidity records are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 292 microsiemens, Sept. 17, 2004; minimum, 61 microsiemens, Oct. 19, 2004.

WATER TEMPERATURE: Maximum, 25.2°C, Aug. 20, 2005; minimum, 2.9°C, Dec. 20, 2004.

TURBIDITY: Maximum, &gt;1,000 FNU, Oct. 19, 2004, Nov. 30, 2004; minimum, 0.1 FNU, Sept. 7, 11, 12, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 283 microsiemens, Nov. 23; minimum, 61 microsiemens, Oct. 19.

WATER TEMPERATURE: Maximum, 25.2°C, Aug. 20; minimum, 2.9°C, Dec. 20.

TURBIDITY: Maximum, &gt;1,000 FNU, Oct. 19, Nov. 30; minimum, 0.1 FNU, Sept. 7, 11, 12.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN									
1	---	---	---	---	---	---	---	---	---	271	267	269
2	---	---	---	---	---	---	---	---	---	271	224	256
3	---	---	---	---	---	---	263	258	260	280	271	276
4	---	---	---	---	---	---	264	258	262	279	272	275
5	---	---	---	---	---	---	265	164	246	276	271	273
6	---	---	---	---	---	---	265	263	263	276	272	274
7	---	---	---	---	---	---	267	264	266	278	274	277
8	---	---	---	---	---	---	270	263	266	278	271	274
9	---	---	---	---	---	---	269	264	267	275	271	272
10	---	---	---	---	---	---	268	263	266	275	271	273
11	---	---	---	---	---	---	272	257	265	275	271	273
12	---	---	---	---	---	---	263	259	261	276	245	265
13	---	---	---	---	---	---	265	260	263	276	253	269
14	---	---	---	---	---	---	266	261	265	277	274	276
15	---	---	---	---	---	---	267	261	264	278	273	276
16	---	---	---	---	---	---	268	264	266	283	251	274
17	---	---	---	---	---	---	270	266	267	292	283	290
18	---	---	---	---	---	---	271	263	267	290	282	285
19	---	---	---	---	---	---	272	266	269	283	279	281
20	---	---	---	---	---	---	273	239	263	282	279	280
21	---	---	---	---	---	---	271	265	269	280	277	279
22	---	---	---	---	---	---	272	267	271	280	277	278
23	---	---	---	---	---	---	275	268	272	279	276	278
24	---	---	---	---	---	---	275	262	270	280	274	277
25	---	---	---	---	---	---	276	269	273	280	275	278
26	---	---	---	---	---	---	276	267	272	279	277	278
27	---	---	---	---	---	---	277	267	272	279	273	277
28	---	---	---	---	---	---	276	262	270	278	274	276
29	---	---	---	---	---	---	272	263	269	276	273	275
30	---	---	---	---	---	---	277	265	271	276	273	275
31	---	---	---	---	---	---	270	266	268	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	292	224	275

0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	21.3	17.6	19.6
2	---	---	---	---	---	---	---	---	---	21.6	19.4	20.4
3	---	---	---	---	---	---	23.4	21.7	22.8	21.6	19.9	20.7
4	---	---	---	---	---	---	23.6	20.1	22.0	21.6	19.8	20.6
5	---	---	---	---	---	---	22.2	19.8	21.5	22.0	18.9	20.5
6	---	---	---	---	---	---	20.7	17.8	19.3	22.7	19.2	20.9
7	---	---	---	---	---	---	20.4	15.7	18.2	21.3	20.2	20.7
8	---	---	---	---	---	---	21.3	16.9	19.2	21.0	19.1	20.0
9	---	---	---	---	---	---	21.6	18.6	20.0	20.4	17.5	19.1
10	---	---	---	---	---	---	22.0	18.1	20.1	20.5	16.8	18.7
11	---	---	---	---	---	---	21.6	19.2	20.4	20.7	17.4	19.2
12	---	---	---	---	---	---	19.6	17.2	18.6	21.1	18.8	19.8
13	---	---	---	---	---	---	18.0	14.7	16.5	21.0	18.9	19.9
14	---	---	---	---	---	---	18.4	14.3	16.4	21.6	18.8	19.9
15	---	---	---	---	---	---	19.0	14.5	16.9	22.0	18.4	20.2
16	---	---	---	---	---	---	19.2	14.8	17.2	20.7	19.8	20.1
17	---	---	---	---	---	---	20.0	15.8	18.0	21.6	18.8	20.1
18	---	---	---	---	---	---	21.4	17.3	19.2	19.3	16.2	17.8
19	---	---	---	---	---	---	22.5	18.8	20.7	18.7	14.8	16.8
20	---	---	---	---	---	---	21.3	19.7	20.4	18.6	14.3	16.6
21	---	---	---	---	---	---	20.7	18.7	20.0	18.8	14.9	16.8
22	---	---	---	---	---	---	20.6	17.3	19.0	18.8	14.7	16.8
23	---	---	---	---	---	---	21.1	18.5	19.8	19.5	15.3	17.4
24	---	---	---	---	---	---	21.5	19.3	20.4	20.3	16.3	18.3
25	---	---	---	---	---	---	22.2	20.0	21.0	20.7	17.4	19.1
26	---	---	---	---	---	---	23.4	20.5	21.8	19.6	17.1	18.3
27	---	---	---	---	---	---	22.7	20.8	21.7	19.2	15.3	17.2
28	---	---	---	---	---	---	21.0	20.0	20.4	19.1	16.0	17.4
29	---	---	---	---	---	---	21.4	19.6	20.4	17.4	15.0	16.3
30	---	---	---	---	---	---	21.1	19.4	20.2	17.0	12.9	15.0
31	---	---	---	---	---	---	21.1	18.1	19.6	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	22.7	12.9	18.8

## CUMBERLAND RIVER BASIN

0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/- 2.5 DEGREES, FNU  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

## 0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	276	272	274	263	254	258	178	150	168	217	180	198
2	276	271	274	265	258	262	191	178	185	204	183	191
3	275	273	274	266	258	262	199	191	195	208	182	198
4	275	271	273	269	259	266	206	199	202	207	194	201
5	274	271	273	270	264	268	208	194	204	207	198	203
6	274	272	273	270	265	268	211	183	204	207	197	201
7	274	271	273	271	264	268	183	62	131	199	108	168
8	275	271	273	271	264	268	171	147	161	152	122	140
9	274	271	273	272	263	268	171	99	129	165	152	158
10	275	271	273	272	263	268	167	140	155	174	165	169
11	275	271	273	273	254	264	179	165	172	176	141	166
12	282	264	272	277	267	275	185	177	181	172	166	168
13	277	274	276	277	268	273	192	185	188	173	126	150
14	277	264	274	275	266	271	199	192	195	159	141	150
15	278	273	276	274	266	270	204	198	201	166	158	162
16	279	275	277	273	263	269	211	204	206	173	166	169
17	276	271	274	276	266	272	215	209	211	179	173	175
18	275	229	262	275	266	271	220	213	216	184	179	181
19	268	61	202	275	264	270	225	217	221	189	182	185
20	248	229	240	274	264	270	230	223	226	194	186	189
21	255	248	250	276	267	272	232	223	228	199	189	194
22	259	255	257	276	266	271	232	173	207	202	196	199
23	262	236	258	283	223	271	---	---	---	208	199	202
24	270	259	267	234	170	221	---	---	---	211	202	207
25	270	266	268	238	233	235	158	150	154	214	204	209
MONTH	282	61	265	283	113	257	---	---	---	221	108	187
	FEBRUARY			MARCH			APRIL			MAY		
1	211	202	208	206	195	200	198	102	158	---	---	---
2	211	198	207	208	197	203	162	145	153	---	---	---
3	210	203	207	211	199	205	171	162	166	208	200	202
4	210	201	206	213	198	206	176	169	172	213	204	208
5	210	200	206	215	200	208	180	172	176	218	209	213
6	213	200	207	217	202	211	180	111	169	223	214	217
7	213	193	205	217	206	211	143	112	136	226	217	221
8	208	195	202	221	206	214	153	138	144	231	221	225
9	203	196	200	222	208	217	166	153	158	234	224	229
10	204	194	200	224	207	217	175	165	169	238	227	232
11	206	197	202	225	210	219	182	173	176	240	230	236
12	210	196	203	228	209	220	187	178	181	242	235	238
13	209	196	202	229	209	221	193	182	187	244	234	239
14	203	194	199	230	213	223	202	189	194	245	235	241
15	201	190	197	231	216	225	208	195	200	246	239	243
16	205	190	198	229	219	223	214	200	206	246	239	242
17	210	198	204	233	217	225	218	203	210	247	240	243
18	213	201	207	234	217	227	221	207	214	248	241	245
19	217	203	211	235	219	228	225	208	217	247	212	239
20	216	149	185	236	218	228	229	214	221	247	236	243
21	182	149	171	237	220	230	232	215	224	253	240	245
22	184	175	179	238	161	225	232	185	218	253	233	243
23	189	181	185	199	161	194	230	222	226	247	235	242
24	194	185	189	200	191	196	234	223	228	248	237	244
25	198	188	193	203	193	198	236	223	230	249	240	246
26	201	191	196	207	195	201	237	218	230	250	242	246
27	205	194	200	207	184	201	238	226	232	250	242	247
28	204	194	199	194	184	190	239	217	232	251	241	247
29	---	---	---	193	185	189	240	182	231	250	241	247
30	---	---	---	196	183	191	---	---	---	250	242	247
31	---	---	---	199	188	193	---	---	---	254	241	248
MONTH	217	149	199	238	161	211	---	---	---	---	---	---

## CUMBERLAND RIVER BASIN

0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	254	229	245	263	257	261	254	248	251	242	231	235
2	247	229	239	262	255	259	251	243	247	248	242	244
3	254	243	249	260	255	258	249	243	247	252	248	249
4	260	241	251	260	240	255	248	242	245	255	252	253
5	255	243	251	256	252	253	249	243	246	257	252	255
6	257	187	245	258	251	255	255	249	252	258	247	256
7	257	250	254	257	250	254	256	250	254	259	253	256
8	258	238	252	256	250	254	257	252	255	258	222	255
9	276	257	270	256	248	253	257	253	255	259	234	256
10	277	267	274	255	247	251	257	252	255	260	253	257
11	275	249	269	250	218	238	257	253	255	260	255	258
12	279	232	265	252	248	250	258	254	256	260	253	257
13	277	270	274	256	240	250	259	254	257	259	253	257
14	276	271	274	258	127	240	260	255	257	259	254	257
15	277	273	275	259	146	241	260	234	256	260	206	251
16	278	271	275	253	205	242	259	255	257	260	250	257
17	276	270	274	259	253	256	259	217	253	261	256	259
18	276	271	274	265	257	260	262	250	256	261	256	259
19	275	270	273	266	255	261	263	259	261	262	259	261
20	275	269	273	269	259	265	263	260	262	263	258	261
21	275	267	272	270	265	268	266	261	263	264	257	261
22	273	266	271	269	262	266	265	260	263	---	---	---
23	274	267	271	269	263	266	265	260	262	262	257	260
24	272	265	270	266	259	263	264	259	262	262	255	259
25	272	262	268	263	254	260	263	228	255	262	231	256
26	270	263	267	261	257	259	257	234	253	266	244	259
27	269	256	265	261	255	259	262	248	256	266	262	264
28	266	260	264	258	252	255	264	251	259	265	261	264
29	267	259	264	257	252	254	272	96	245	264	261	263
30	264	257	262	256	250	253	---	---	---	264	261	263
31	---	---	---	255	248	252	---	---	---	---	---	---
MONTH	279	187	264	270	127	255	---	---	---	---	---	---

0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17.8	13.3	15.6	20.4	17.1	18.5	12.4	9.8	11.2	14.0	10.5	12.1
2	18.8	16.7	17.5	19.5	17.1	18.6	12.0	9.0	10.2	14.1	12.2	12.9
3	17.0	13.6	15.4	17.1	15.6	16.3	12.0	8.7	10	13.9	12.3	13.0
4	17.7	12.9	15.2	17.0	13.6	15.3	12.0	8.2	9.7	14.3	12.3	13.3
5	16.1	12.6	14.5	14.1	10.4	12.4	11.7	8.3	10.2	14.2	12.1	13.1
6	16.1	11.1	13.7	14.7	9.5	11.9	14.0	11.6	13.1	13.7	9.0	11.0
7	18.1	13.0	15.5	16.3	11.7	13.6	13.9	11.8	13.1	9.6	8.7	9.1
8	17.6	15.7	16.5	13.8	10.3	12.2	13.6	10.9	12.1	10.2	9.6	10
9	17.3	15.2	16.3	13.4	8.7	10.8	13.0	11.5	12.3	11.8	9.6	10.5
10	18.8	16.3	17.5	13.1	9.9	11.4	13.3	11.2	12.2	13.1	10.9	11.9
11	18.6	16.3	17.3	13.8	11.4	12.8	11.2	10.5	10.8	13.1	12.3	12.7
12	19.0	17.4	18.0	13.8	11.3	12.8	12.3	9.6	10.9	14.6	12.5	13.5
13	17.6	14.8	15.9	12.4	9.3	10.7	10.3	8.2	9.5	13.5	10.5	12.6
14	15.8	13.2	14.7	12.9	8.3	10.3	8.6	6.3	7.6	10.7	8.7	9.8
15	13.9	11.8	12.9	12.2	7.5	9.7	8.8	5.2	6.8	10.6	8.0	9.0
16	14.0	11.6	12.9	13.9	9.0	11.5	9.7	5.6	7.5	8.5	6.2	7.5
17	14.8	10.2	12.5	14.5	12.1	13.1	9.9	6.1	7.7	7.7	5.2	6.2
18	17.2	14.0	15.6	14.0	11.5	12.9	10.1	5.9	8.0	7.9	4.7	6.1
19	18.4	16.8	17.3	14.3	13.1	13.6	8.2	3.2	6.2	10.0	6.1	7.8
20	17.6	16.8	17.2	15.0	13.4	14.1	5.8	2.9	4.2	11.0	6.2	8.4
21	17.7	15.5	16.8	13.8	12.2	13.0	9.9	4.7	7.9	10.9	7.8	9.1
22	17.7	14.5	16.0	14.4	12.7	13.6	9.6	6.8	8.5	9.2	4.1	7.5
23	17.3	16.2	16.8	14.8	13.9	14.4	---	---	---	6.5	3.5	4.7
24	19.4	15.6	17.4	15.8	11.9	14.5	---	---	---	8.2	3.9	5.8
25	18.8	14.2	16.3	12.2	9.4	10.9	8.0	6.2	7.2	10.5	5.4	7.8
MONTH	20.3	10.2	16.2	20.4	7.5	12.8	---	---	---	14.6	3.5	9.5
	FEBRUARY			MARCH			APRIL			MAY		
1	9.4	7.9	8.4	9.1	6.4	7.5	12.3	11.3	11.8	---	---	---
2	9.0	8.2	8.6	11.5	5.1	7.7	12.6	10.2	11.1	---	---	---
3	8.7	6.8	8.3	12.8	5.8	8.7	16.4	9.4	12.3	15.1	10.4	12.7
4	10.8	5.8	7.8	14.1	6.8	10	17.6	10.7	13.6	15.8	10.3	13.0
5	11.5	5.9	8.3	14.4	9.1	11.2	18.8	11.9	14.6	16.8	11.2	14.0
6	11.8	7.9	9.7	14.5	7.0	10.2	13.5	12.8	13.2	17.4	12.2	14.7
7	11.2	8.8	10.0	13.9	9.4	11.4	15.4	13.1	13.9	18.1	12.0	15.0
8	13.7	10.5	11.9	11.7	7.2	9.3	14.6	12.6	13.5	18.9	13.3	16.0
9	11.7	8.8	10.9	10.5	6.3	8.4	18.5	11.7	14.6	18.3	14.3	16.4
10	9.4	6.3	7.9	12.6	6.1	9.2	19.8	13.1	15.7	19.8	15.1	17.3
11	10.8	5.0	7.5	10.0	7.6	8.8	15.9	13.8	14.8	20.6	15.6	18.0
12	12.2	6.2	9.1	15.7	7.4	11.2	18.1	13.5	15.2	20.2	16.2	18.2
13	11.3	9.6	10.3	14.2	8.8	11.0	16.3	12.8	14.1	20.8	16.5	18.6
14	15.0	9.9	12.2	13.5	7.2	9.7	18.7	12.0	14.8	19.4	17.0	18.1
15	15.1	9.3	11.8	10.4	6.4	8.2	19.2	11.1	14.7	18.1	14.6	16.5
16	12.5	9.3	11.5	8.9	6.4	7.7	19.6	11.5	15.1	16.5	12.4	14.5
17	11.7	7.3	9.3	13.9	7.4	9.8	19.6	12.3	15.7	18.0	11.8	15.0
18	12.2	6.2	8.7	14.0	6.3	9.8	19.0	13.9	16.2	19.2	13.3	16.4
19	10.5	7.1	8.9	12.8	8.9	10.7	19.5	13.4	16.2	19.7	15.8	17.7
20	10.2	9.3	9.6	15.2	7.8	11.2	19.8	13.3	16.5	20.1	17.3	18.4
21	13.6	10.2	11.5	16.3	8.7	12.0	20.7	15.5	17.6	19.2	15.9	17.5
22	13.4	9.9	11.1	13.9	11.0	12.3	19.9	15.4	17.1	19.2	15.4	17.3
23	12.6	9.4	10.6	12.2	10.5	11.5	15.4	10.7	13.1	19.5	16.3	17.8
24	10.6	8.7	9.7	13.5	10.2	11.3	14.4	9.5	11.7	18.6	15.0	16.9
25	12.5	7.2	9.3	18.0	10.5	13.5	15.5	9.3	12.4	17.5	13.4	15.7
26	13.6	7.2	9.9	18.5	11.4	14.2	13.9	12.2	13.0	18.5	13.0	16.0
27	12.7	8.1	10.3	13.2	11.6	12.3	14.7	11.0	12.8	19.6	15.6	17.5
28	10.6	7.9	9.8	12.1	10.1	11.1	13.4	10.9	12.0	19.7	16.2	17.8
29	---	---	---	17.3	9.3	12.7	15.3	13.3	14.3	18.3	15.3	16.8
30	---	---	---	18.9	11.3	14.6	---	---	---	19.4	14.7	17.2
31	---	---	---	18.8	12.0	15.0	---	---	---	19.4	16.0	17.8
MONTH	15.1	5.0	9.7	18.9	5.1	10.7	---	---	---	---	---	---

## CUMBERLAND RIVER BASIN

0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN									
1	17.8	16.9	17.4	23.0	20.4	21.7	22.9	20.2	21.7	22.2	18.6	20.3
2	18.2	17.1	17.6	22.9	20.1	21.6	23.8	20.6	22.2	22.4	19.4	20.7
3	19.7	17.3	18.4	23.1	19.4	21.4	23.6	20.2	22.1	21.5	17.6	19.5
4	21.3	16.4	19.0	23.4	20.4	21.8	23.7	20.3	22.1	20.9	16.7	18.9
5	22.5	18.6	20.5	22.8	20.6	21.5	23.8	20.4	22.0	21.4	17.2	19.3
6	22.0	18.9	20.0	22.3	20.2	21.3	23.5	20.1	21.7	21.6	18.2	19.8
7	21.4	17.7	19.6	22.7	19.7	21.3	23.0	19.8	21.5	21.3	17.9	19.6
8	21.5	18.6	20.0	22.7	19.5	21.3	22.6	19.8	21.3	21.1	17.4	19.3
9	21.8	18.5	20.2	23.1	19.6	21.5	23.1	19.9	21.6	21.5	17.7	19.7
10	22.1	19.3	20.7	22.7	20.2	21.4	23.7	20.4	22.1	22.3	18.7	20.4
11	20.4	18.9	19.7	21.3	20.5	20.8	23.8	20.7	22.3	22.0	18.4	20.2
12	19.9	18.9	19.4	22.2	19.7	21.0	24.1	20.6	22.5	21.6	18.2	19.9
13	22.3	18.7	20.4	21.0	19.8	20.3	24.3	21.3	22.7	21.7	18.1	19.9
14	23.1	19.3	21.1	22.7	20.1	21.3	24.4	20.9	22.7	21.9	18.6	20.2
15	22.1	18.3	20.3	22.6	21.4	21.8	24.2	21.4	22.5	21.6	19.0	20.3
16	21.3	18.1	19.7	21.9	20.9	21.3	23.3	20.7	21.9	22.6	20.0	21.1
17	20.0	16.0	18.3	22.9	20.3	21.5	23.9	20.8	22.2	20.5	18.0	19.5
18	20.1	16.3	18.3	23.8	20.6	22.1	24.2	21.3	22.7	20.1	16.3	18.3
19	20.5	15.9	18.4	22.9	21.2	22.1	24.6	21.8	23.2	21.1	17.1	19.1
20	21.0	17.1	19.2	23.6	20.9	22.2	25.2	22.0	23.5	22.2	18.6	20.3
21	21.1	17.7	19.4	24.1	20.9	22.5	24.9	22.0	23.5	22.4	19.1	20.8
22	21.6	17.3	19.6	24.4	21.4	22.8	23.4	21.7	22.6	---	---	---
23	22.4	18.4	20.5	24.3	21.6	23.0	23.4	21.0	22.2	22.4	19.3	20.8
24	22.7	18.5	20.7	24.4	21.2	22.9	23.5	20.3	22.0	22.3	19.3	20.8
25	22.6	19.4	21.1	24.9	21.7	23.3	23.9	20.7	22.3	21.7	20.5	21.1
26	21.6	19.6	20.6	25.1	21.8	23.5	23.7	21.6	22.4	22.7	20.7	21.5
27	22.6	19.5	20.9	24.2	22.1	23.0	22.6	21.2	21.8	21.4	18.8	20.1
28	22.7	19.2	21.0	22.2	20.4	21.2	22.5	20.6	21.5	21.4	17.0	19.3
29	22.8	20.3	21.6	22.4	19.2	20.8	22.5	20.8	21.2	20.3	15.4	17.9
30	23.4	20.1	21.8	23.0	19.2	21.2	---	---	---	17.7	13.2	15.5
31	---	---	---	23.0	19.6	21.4	22.0	17.1	20.0	---	---	---
MONTH	23.4	15.9	19.8	25.1	19.2	21.8	---	---	---	---	---	---

0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/- 2.5 DEGREES, FNU  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

## CUMBERLAND RIVER BASIN

0343390105 BIG TURNBULL CREEK NEAR TIDWELL, TN—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/- 2.5 DEGREES, FNU—  
CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.0	1.1	2.0	4.3	1.8	2.5	2.2	1.0	1.4	3.6	1.0	1.7
2	7.1	1.6	2.9	3.6	2.0	2.5	3.7	1.0	1.6	1.9	1.1	1.3
3	2.7	1.4	1.8	4.3	2.0	2.4	5.7	0.9	1.6	1.6	1.0	1.3
4	2.9	1.2	1.6	5.6	1.8	2.9	2.4	1.1	1.5	2.9	1.1	1.3
5	13	1.2	1.9	3.8	1.9	2.4	2.2	0.5	1.2	1.8	0.9	1.2
6	44	1.3	5.7	4.0	1.7	2.3	2.6	0.8	1.3	1.9	0.9	1.1
7	4.1	2.8	3.2	3.7	1.7	2.1	2.5	1.0	1.4	1.7	0.1	0.8
8	8.0	2.6	3.4	3.2	1.7	2.1	2.7	1.0	1.5	1.0	0.4	0.6
9	3.7	2.6	2.8	3.0	0.7	1.9	2.3	0.5	1.1	2.3	0.5	0.7
10	3.8	2.6	3.0	2.9	0.8	1.3	5.7	1.0	1.5	1.9	0.2	0.4
11	10	2.9	3.8	7.0	1.6	3.5	2.4	1.0	1.4	11	0.1	0.6
12	45	4.1	11	49	1.1	2.8	3.5	0.7	1.6	2.1	0.1	0.8
13	6.5	4.2	5.2	3.5	0.8	1.6	2.8	0.5	1.0	2.3	0.8	1.1
14	5.6	4.0	4.6	450	1.1	28	2.8	0.7	1.2	2.2	0.9	1.2
15	5.7	4.0	4.5	110	2.9	11	7.0	0.4	1.2	40	0.8	5.4
16	5.5	3.4	4.2	68	2.9	10	1.4	0.3	0.6	3.0	1.0	1.8
17	4.3	3.2	3.5	6.2	2.1	2.7	60	0.6	6.6	2.1	1.0	1.2
18	4.5	3.2	3.6	3.4	1.7	2.0	4.8	1.0	1.8	2.2	0.9	1.1
19	4.3	3.0	3.4	31	1.8	2.6	2.4	0.7	1.0	1.9	0.9	1.1
20	4.0	3.0	3.3	4.0	1.7	2.1	2.4	0.6	1.1	2.1	0.6	1.0
21	4.3	2.5	3.4	3.1	1.8	2.1	2.9	0.6	1.1	1.5	0.6	0.9
22	4.5	3.1	3.5	3.7	1.7	2.1	2.1	0.6	0.9	---	---	---
23	4.3	2.5	3.0	3.1	1.5	1.9	2.2	0.6	1.0	1.9	0.9	1.1
24	4.5	2.3	2.7	3.4	1.3	1.8	2.5	0.8	1.2	1.6	1.0	1.1
25	3.7	2.1	2.5	2.7	0.6	1.2	24	0.9	2.7	11	1.0	2.1
26	3.4	1.9	2.3	2.6	0.4	1.2	9.4	1.3	2.6	15	1.6	3.1
27	5.8	2.2	2.8	2.0	0.5	0.9	6.5	1.7	2.6	2.1	1.2	1.5
28	3.6	2.2	2.6	2.2	0.7	1.1	3.2	1.5	1.9	2.2	1.0	1.3
29	3.7	1.8	2.5	3.2	1.0	1.4	290	1.1	24	1.8	0.9	1.2
30	4.0	1.8	2.4	3.4	0.9	1.4	---	---	---	1.4	0.9	1.0
31	---	---	---	2.9	1.0	1.4	7.5	2.0	4.1	---	---	---
MONTH	45	1.1	3.4	450	0.4	3.4	---	---	---	---	---	---

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